



1 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2 Serial No. 10/676,979
3 Filing Date Oct 01, 2003
4 Inventorship Ludwig
Applicant Microsoft Corporation
Attorney's Docket No. MS1-1708US
Title: DV Metadata Extraction

5

6 **SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

7 *References -- See Attached Form PTO-1449*

8 **REMARKS**

9 The citations listed, copies attached, are submitted in compliance with the
10 duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make
11 these citations of official record in this application.

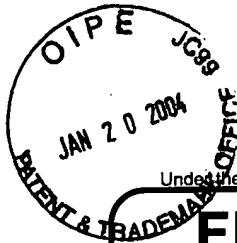
12

13 Respectfully Submitted,

14

15 Date: 01/15/04

16 By: Nathan R. Rieth
Nathan R. Rieth
Reg. No. 44,302



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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 0.00)

Complete if Known

Application Number	10/676,979
Filing Date	Oct 01, 2003
First Named Inventor	Ludwig
Examiner Name	
Art Unit	2171
Attorney Docket No.	MS1-1708US

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None

 Deposit Account:

Deposit Account Number **12-0769**
 Deposit Account Name **Lee & Hayes, PLLC**

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
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FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims	Fee from below	Fee Paid
Total Claims <input type="text"/>	-20** = <input type="text"/> X <input type="text"/> = <input type="text"/>	
Independent Claims <input type="text"/>	- 3** = <input type="text"/> X <input type="text"/> = <input type="text"/>	
Multiple Dependent <input type="text"/>		

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$)	

(Complete if applicable)

Name (Print/Type)	Nathan R. Rieth	Registration No. (Attorney/Agent)	44,302	Telephone (509) 324-9256
Signature	<i>Nathan R. Rieth</i>		Date	01/15/04

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/676,979
		Filing Date	Oct 01, 2003
		First Named Inventor	Ludwig
		Group Art Unit	2171
		Examiner Name	
Total Number of Pages in This Submission		Attorney Docket Number	MS1-1708US

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) Sheets <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO-1449; reference copies (6); return receipt postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Nathan R. Rieth, Reg. No. 44,302	
Signature		
Date	01/15/04	

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: _____

Typed or printed name	Julianne Gehlen	
Signature		Date 1-15-04

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/676,979
Filing Date	Oct 01, 2003
First Named Inventor	Ludwig
Group Art Unit	2171
Examiner Name	
Attorney Docket Number	MS1-1708US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		J. FONG et al., "Continuous and incremental data mining association rules using frame metadata model," Knowledge-Based Systems 16 (2003), Elsevier Science B.V., pp. 91-100.	
		Jens WELLHAUSEN and Holger CRYSTANDT, "Temporal Audio Segmentation Using MPEG-7 Descriptors," Proceedings of SPIE-IS&T Electronic Imaging, SPIE vol. 5021 (2003) pp. 380-387.	
		Jose M. MARTINEZ et al., "MPEG-7: The Generic Multimedia Content Description Standard, Part 1," IEEE Multimedia, April-June 2002, vol. 9, no. 2, pp. 78-87.	
		Pei YIN et al., "Automatic Time Stamp Extraction System for Home Videos," IEEE 2002, vol. 2, pp. 73-76. Proceedings of May 2002 International Symposium on Circuits and Systems.	
		Jeffrey A. BLOOM et al., "Copy Protection for DVD Video," Proceedings of the IEEE, vol. 87, no. 7, July 1999, pp. 1267-1276.	
		Daniel HELM et al., "A Toolset for Determining Social Networks on the Web," ACTA Press 2002, Proceedings of the IASTED International Conference INFORMATION AND KNOWLEDGE SHARING November 18-20, 2002, pp. 128-132.	

Examiner Signatur		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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